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THE INSECT PEST SURVEY
BULLETIN

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Index

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INSECT PEST SURVEY BULLETIN

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* The note by C. L. Fluke at top of page 257 refers to this insect.

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Emmoasca cucumis should read E. fabae.

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	5	278
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Tapinoma sessile (Say) -----	7	425
Tarsonemus pallidus Banks -----	5	260, 282
Tenebrio molitor L. -----	3	124
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Tenebroides mauritanicus (L.) -----	1	34
Tenthredinidae -----	4	192
Termopsis angusticollis Hagen -----	2	71
Tetralcurodes mori (Quaint.) -----	5	280
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Tetranychus sexmaculatus Riley -----	4	167
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Throsacus chevrolati Bonv. -----	6	364
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Thyridopteryx ephemeraeformis (Haw.) -----	2	63
	3	107
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Tinea pellionella L. -----	1	33
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Tineola biselliella (Hun.) -----	4	208
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<i>Trialeurodes wellmani</i> (Bemis) -----	6	344
<i>Tribolium castaneum</i> (Hbst.) -----	1	34
<i>Tribolium confusum</i> Duv. -----	3	124
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<i>Tribolium madens</i> (Charp.) -----	4	207
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<i>Trichiotinus assinilis</i> (Kby.) -----	6	357
<i>Trichobaris trinotata</i> (Say) -----	6	323
<i>Trichogramma</i> sp. -----	7	383
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<i>Trifidaphis phaseoli</i> (Pass.) -----	5	252
<i>Trigonopeltastes delta</i> (Forst.) -----	4	167
<i>Trimerotropis pallidipennis</i> Burm. -----	4	132
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<i>Trirhabda bacharadis</i> (Web.) -----	5	274
<i>Troctes divinatorius</i> (Mull.) -----	6	367
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<i>Trogoderma ornatum</i> Say -----	6	366
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<i>Tylonotus bimaculatus</i> Hald. -----	7	410
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The common names approved by the American Association of Economic Entomologists are indicated by the letters a.n.o. (American name, official).

Achenon sphinx a.n.o. -----	Phelus achenon (Drury)
Alfalfa caterpillar a.n.o. -----	Colias eurytheme Bdv.
Alfalfa looper a.n.o. -----	Autographa californica (Speyer)
Alfalfa webworm a.n.o. -----	Loxostege connixtalis (Walk.)
Alfalfa weevil a.n.o. -----	Hypera postica (Gyll.)
Almond moth a.n.o. -----	Ephestia cautella (Walk.)
American dog tick a.n.o. -----	Dermacentor variabilis (Say)
Angoumois grain moth a.n.o. -----	Sitotroga cerealella (Oliv.)
Apple aphid a.n.o. -----	Aphis pomi Deg.
Apple maggot a.n.o. -----	Rhagoletis pomonella (Walsh)
Apple redbug a.n.o. -----	Lygidea nendax Reut.
Apple seed chalcid a.n.o. -----	Callinome druparum (Beh.)
Arborvitae aphid -----	Cinara tujaefilina Del G.
Arborvitae leaf miner a.n.o. -----	Argyresthia thuicella (Pack.)
Argentine ant a.n.o. -----	Iridomyrmex humilis Mayr
Argus tortoise beetle a.n.o. -----	Chelymorpha cassidea (F.)
Army cutworm a.n.o. -----	Chorizagrotis auxiliaris (Grote)
Armyworm a.n.o. -----	Cirphis unipuncta (Haw.)
Ash flower gall -----	Eriophyes fraxiniflora Felt
Asiatic garden beetle a.n.o. -----	Autoserica castanea (Arrow)
Asparagus beetle a.n.o. -----	Crioceris asparagi (L.)
Asparagus miner a.n.o. -----	Agropyza simplex Loew
Azalea lacebug -----	Stephanitis pyrioides Scott
Azalea leaf miner -----	Gracilaria azalecella Brants
Azalea scale -----	Eriococcus azaleae Const.

Azalea whitefly -----	Alcurodes azaleae (B. & M.)
Bagworm a.n.o. -----	Thyridopteryx ophemeræformis (Haw.)
Banded ash borer -----	Neoclytus caprea (Say)
Banded cucumber beetle a.n.o. ---	Diabrotica balteata Lec.
Banded greenhouse thrips a.n.o.---	Hercinotrips femoralis (Reut.)
Barnacle scale a.n.o. -----	Ceroplastes cirripediformis Comst.
Bat bug -----	Cinex pilosellus (Horv.)
Bean aphid a.n.o. -----	Aphis rumicis L.
Bean leaf beetle a.n.o.-----	Cerotoma trifurcata (Forst.)
Bean leaf roller a.n.o. -----	Urbanus proteus (L.)
Bean thrips a.n.o. -----	Hercotrips fasciatus (Perg.)
Bean weevil a.n.o. -----	Acanthoscelides obtectus (Say)
Bedbug a.n.o. -----	Cinex lectularius L.
Beech blight aphid a.n.o. -----	Prociphilus inbricator (Fitch)
Beech scale a.n.o. -----	Cryptococcus fagi (Baer.)
Beet armyworm a.n.o. -----	Laphygma exigua (Hbn.)
Beet leafhopper a.n.o. -----	Eutettix tenellus (Bak.)
Beet webworm a.n.o. -----	Loxostege sticticalis (L.)
Birch leaf miner a.n.o. -----	Fenusa pusilla (Lep.)
Birch skeletonizer a.n.o. -----	Bucculatrix canadensiella Chamb.
Black blowfly -----	Phormia regina (Meig.)
Black cherry aphid a.n.o. -----	Myzus cerasi (F.)
Black citrus aphid a.n.o. -----	Toxoptera aurantiae (Fonsc.)
Black grain stem sawfly a.n.o.---	Trachelus tabidus (F.)
Black-headed budworm a.n.o. ----	Peronea variana (Fern.)
Black Hills beetle a.n.o. -----	Dendroctonus ponderosae Hopk.
Black peach aphid a.n.o. -----	Anuraphis persicae-niger (Smith)
Black pecan aphid a.n.o. -----	Melanocallis caryaefoliae (Davis)
Black scale a.n.o. -----	Saissetia oleae (Bern.)
Black vine weevil a.n.o. -----	Brachyrhinus sulcatus (F.)
Black widow spider a.n.o. -----	Latrodectus mactans (F.)
Blackberry psyllid -----	Trioza tripunctata (Fitch)
Bladder maple gall -----	Phyllocoptes quadripes Shin.
Blastophaga -----	Blastophaga psenes (L.)
Body louse a.n.o. -----	Pediculus humanus corporis Deg.
Boll weevil a.n.o. -----	Anthonomus grandis Boh.
Bollworm a.n.o. -----	Heliothis armigera (Hbn.)
Booklouse a.n.o. -----	Troctes divinatorius (Mull.)
Boxelder aphid a.n.o. -----	Periphyllus negundinis (Thos.)
Boxelder bug a.n.o. -----	Leptocoris trivittatus (Say)
Boxwood leaf miner a.n.o. -----	Monarthropalpus buxi Laboulb.
Broad mite a.n.o. -----	Hemitarsonemus latus Banks
Broad-necked root borer a.n.o. --	Prionus laticollis (Drury)
Bronzed birch borer a.n.o. -----	Agrilus anxius Gory
Brown-banded cockroach a.n.o. ---	Supella supellectilium (Serv.)
Brown dog tick a.n.o. -----	Rhipicephalus sanguineus (Latr.)
Brown spider beetle a.n.o. -----	Ptinus brunneus Duft.
Brown-tail moth a.n.o. -----	Nygmia phaeorrhoea (Donov.)
Brown wheat mite -----	Tetranychina tritici Ewing
Brown winter tick a.n.o. -----	Dermacentor nigrolincatus (Pack.)
Buffalo treehopper a.n.o. -----	Ceresa bubalus (F.)

Bulb mite a.n.o. -----	Rhizoglyphus hyacinthi Bdv.
Bumble flower beetle a.n.o. -----	Euphoria inda (L.)
Cabbage aphid a.n.o. -----	Brevicoryne brassicae (L.)
Cabbage curculio a.n.o. -----	Ceutorhynchus rapae Gyll.
Cabbage looper a.n.o. -----	Autographa brassicae (Riley)
Cabbage maggot a.n.o. -----	Hylemya brassicae (Bouche)
Cabbage shoot weevil -----	Ceutorhynchus assimilis Payk
Cabbage webworm a.n.o. -----	Hellula undalis (F.)
Cactus scale a.n.o. -----	Diaspis echinocacti (Bouche)
Calico scale a.n.o. -----	Lecanium cerasorum Oell.
California pine-leaf scale -----	Aspidiotus californicus Coleman
California red scale a.n.o. -----	Aonidiella aurantii (Mask.)
Camellia scale a.n.o. -----	Lepidosaphes camelliae Hoke
Camphor thrips a.n.o. -----	Liothrips floridensis (Watson)
Carpenter bee a.n.o. -----	Xylocopa virginica (Drury)
Carpenter worm a.n.o. -----	Prionoxystus robiniae (Peck)
Carpet beetle a.n.o. -----	Anthrenus scrophulariae (L.)
Carrot beetle a.n.o. -----	Ligyrus gibbosus (Deg.)
Carrot weevil a.n.o. -----	Listronotus latiusculus (Boh.)
Cashebearing clothes moth a.n.o. -----	Tinea pellionella L.
Catalpa sphinx a.n.o. -----	Ceratomia catalpae (Bdv.)
Cat flea a.n.o. -----	Ctenocephalides felis (Bouche)
Cecropia moth a.n.o. -----	Samia cecropia (L.)
Cherry fruitfly a.n.o. -----	Rhagoletis cingulata (Loew)
Cherry leaf miner -----	Profenusa canadensis (Marl.)
Cherry scale a.n.o. -----	Aspidiotus forbesi Johns.
Chicken mite a.n.o. -----	Dermanyssus gallinae (Deg.)
Chigger a.n.o. -----	Eutrombicula alfreddugesi (Oud.)
Chinch bug a.n.o. -----	Blissus leucopterus (Say)
Chokecherry nidge -----	Contarinia virginianiae Felt
Chrysanthemum aphid a.n.o. -----	Macrosiphoniella sanborni (Gill.)
Chrysanthemum lacebug -----	Corythucha narnorata (Uhl.)
Cigarette beetle a.n.o. -----	Lasioderma serricorne (F.)
Citricola scale a.n.o. -----	Coccus pseudomagnoliarum (Kuw.)
Citrus mealybug a.n.o. -----	Pseudococcus citri (Risso)
Citrus red mite a.n.o. -----	Paratetranychus citri McG.
Citrus rust mite a.n.o. -----	Phyllocoptes oleivorus Ashm.
Citrus thrips a.n.o. -----	Scirtothrips citri (Moult.)
Citrus whitefly a.n.o. -----	Dialeurodes citri (Ashm.)
Cloudy-winged whitefly a.n.o. -----	Dialeurodes citrifolii (Morg.)
Clover leaf weevil a.n.o. -----	Hypera punctata (F.)
Clover mite a.n.o. -----	Dryobia praetiosa Koch
Clover root borer a.n.o. -----	Hylastinus obscurus (Marshall)
Clover root curculio a.n.o. -----	Sitona hispidula (F.)
Clover seed chalcid a.n.o. -----	Bruchophagus gibbus (Boh.)
Cluster fly a.n.o. -----	Pollenia rudis (F.)
Codling moth a.n.o. -----	Carpocapsa pomonella (L.)
Coffee-bean weevil a.n.o. -----	Araccerus fasciculatus (Deg.)
Colorado potato beetle a.n.o. -----	Leptinotarsa decemlineata (Say)
Columbine borer a.n.o. -----	Papaipema purpurifascia (G. & R.)
Columbine leaf miner a.n.o. -----	Phytomyza minuscula Gour.

Common cattle grub a.n.o. -----	Hypoderma lineatum (DeVill.)
Common red spider a.n.o. -----	Tetranychus telarius (L.)
Constock's mealybug a.n.o. -----	Pseudococcus constocki (Kuw.)
Cooley's spruce gall -----	Adelges cooleyi (Gill.)
Corn ear worm a.n.o. -----	Heliothis armigera (Hbn.)
Corn flea beetle a.n.o. -----	Chaetocnema pulicaria Melsh.
Corn lanternfly -----	Peregrinus maidis (Ashm.)
Corn leaf aphid a.n.o. -----	Aphis maidis Fitch
Corn root aphid a.n.o. -----	Auraphis maidi-radicis (Forbes)
Corn root webworm a.n.o. -----	Cranbus caliginosellus Clem.
Corn rootworm a.n.o. -----	Diabrotica longicornis (Say)
Corn silk beetle a.n.o. -----	Luperodes brunneus Crotch
Cotton flea hopper a.n.o. -----	Psallus seriatus (Reut.)
Cotton leaf perforator a.n.o. ---	Ducculatrix thurberiella Busck
Cotton leaf worm a.n.o. -----	Alabama argillacea (Hbn.)
Cotton-square borer a.n.o. -----	Strymon melinus (Hbn.)
Cotton stainer a.n.o. -----	Dysdercus suturellus (H. S.)
Cottonwood borer a.n.o. -----	Plectrodera scator (F.)
Cottonwood leaf beetle a.n.o. ---	Chrysomela scripta (F.)
Cottonwood scale -----	Chionaspis ortholobis Const.
Cottony-cushion scale a.n.o. ---	Icerya purchasi Mask.
Cottony maple scale a.n.o. -----	Pulvinaria vitis (L.)
Coulee cricket a.n.o. -----	Perenabrus scabricollis (Thos.)
Cowpea aphid a.n.o. -----	Aphis medicaginis Koch
Cowpea curculio a.n.o. -----	Chalcodermus aeneus Boh.
Cowpea weevil a.n.o. -----	Callosobruchus maculatus (F.)
Crapemyrtle aphid a.n.o. -----	Myzocallis kahawaluokalani Kirk.
Cross-striped cabbage worm a.n.o.	Evergestis rimosalis (Guen.)
Currant aphid a.n.o. -----	Capitophorus ribis (L.)
Currant fruitfly a.n.o. -----	Epechra canadensis Loew
Currant stem girdler a.n.o. -----	Janus integer (Nort.)
Cyclamen mite a.n.o. -----	Tarsonemus pallidus Banks
Deodar weevil a.n.o. -----	Pissodes nemorensis Gern.
Depluming mite a.n.o. -----	Cnemidocoptes gallinae Raill.
Diamondback moth a.n.o. -----	Plutella maculipennis (Curt.)
Dogwood borer -----	Oberca tripunctata (Swed.)
Dogwood club gall -----	Mycodiplosis alternata Felt
Douglas fir beetle a.n.o. -----	Dendroctonus pseudotsugae Hopk.
Douglas fir tussock moth a.n.o. ---	Hemerocampa pseudotsugae McD.
Dried fruit beetle a.n.o. -----	Carpophilus hemipterus (L.)
Drug store weevil a.n.o. -----	Stegobium paniceum (L.)
Ear tick a.n.o. -----	Ornithodoros megnini Duges
Eastern hemlock borer -----	Melanophila fulvoguttata (Harr.)
Eastern larch beetle a.n.o. -----	Dendroctonus simplex Lec.
Eastern spruce ball aphid a.n.o. ---	Adelges abietis (L.)
Eastern spruce beetle a.n.o. ---	Dendroctonus piceaperda Hopk.
Eastern tent caterpillar a.n.o. -	Malacosoma americana (F.)
Elm borer a.n.o. -----	Saperda tridentata Oliv.
Elm cockscomb gall a.n.o. -----	Colopha ulmicola (Fitch)
Elm flea beetle -----	Altica ulmi Woods

Elm leaf beetle a.n.o. -----	<i>Galerucella xanthomelaena</i> (Schr.)
Elm sawfly a.n.o. -----	<i>Cimbex americana</i> Leach
Elm scurfy scale a.n.o. -----	<i>Chionaspis americana</i> Johns.
Elm spanworm a.n.o. -----	<i>Ernomos subsignarius</i> (Hbn.)
Engelmann spruce beetle a.n.o. --	<i>Dendroctonus engelmanni</i> Hopk.
Euonymus scale a.n.o. -----	<i>Chionaspis euonymi</i> Comst.
European alder leaf miner a.n.o. ---	<i>Femusa dohrnii</i> (Tishbein)
European corn borer a.n.o. -----	<i>Pyrausta nubilalis</i> (Hbn.)
European earwig a.n.o. -----	<i>Forficula auricularia</i> L.
European elm scale a.n.o. -----	<i>Gossyparia spuria</i> (Mod.)
European fruit locanium a.n.o. ---	<i>Lecanium corni</i> Bouche
European grain moth a.n.o. -----	<i>Nemapogon granella</i> (L.)
European pine shoot moth a.n.o. ---	<i>Rhyacionia buoliana</i> (Schiff.)
European red mite a.n.o. -----	<i>Paratetranychus pilosus</i> (C. & F.)
European spruce sawfly a.n.o. ---	<i>Gilpinia polytoma</i> (Htg.)
European wheat stem sawfly a.n.o.	<i>Cephus pygmaeus</i> (L.)
European willow leaf beetle -----	<i>Plagioderia versicolora</i> (Laich.)
Eye-spotted budmoth a.n.o. -----	<i>Spilonota ocellana</i> (D. & S.)
Fall armyworm a.n.o. -----	<i>Lophygma frugiperda</i> (A. & S.)
Fall cankerworm a.n.o. -----	<i>Alsophila pometaria</i> (Harr.)
Fall webworm a.n.o. -----	<i>Hyphantria cunea</i> (Drury)
False chinch bug a.n.o. -----	<i>Nysius ericae</i> (Schill.)
Feather mite -----	<i>Liponyssus sylviarum</i> C. & F.
Fern scale a.n.o. -----	<i>Pinnaspis aspidistrae</i> (Sign.)
Fickle midge -----	<i>Sciara inconstans</i> (Fitch)
Field cricket a.n.o. -----	<i>Gryllus assimilis</i> F.
Fig scale a.n.o. -----	<i>Lepidosaphes ficus</i> (Sign.)
Fir sawfly -----	<i>Woodiprion abietis</i> (Harr.)
Firebrat a.n.o. -----	<i>Thermobia domestica</i> Pack.
Flatheaded apple tree borer a.n.o.	<i>Chrysobothris femorata</i> (Oliv.)
Florida red scale a.n.o. -----	<i>Chrysomphalus aonidum</i> (L.)
Flower thrips a.n.o. -----	<i>Frankliniella tritici</i> (Fitch)
Flower webworm -----	<i>Homocidus electellum</i> Hult.
Forest tent caterpillar a.n.o. --	<i>Malacosoma disstria</i> Hbn.
Foreign grain beetle -----	<i>Cathartus advena</i> (Waltl.)
Four-lined plant bug a.n.o. -----	<i>Pocillocapsus lineatus</i> (F.)
Fowl tick a.n.o. -----	<i>Argas miniatus</i> Koch
Fruit tree leaf beetle -----	<i>Syneta albida</i> Lec.
Fruit tree leaf roller a.n.o. ---	<i>Cacoecia argyrospila</i> (Walk.)
Fuller's rose beetle a.n.o. -----	<i>Pantomorus godmani</i> (Crotch)
Furniture carpet beetle -----	<i>Anthrenus vorax</i> Wtrh.
Garden centipede a.n.o. -----	<i>Scutigera immaculata</i> (Newp.)
Garden flea hopper a.n.o. -----	<i>Halticus citri</i> (Ashm.)
Garden springtail a.n.o. -----	<i>Bourletiella hortensis</i> (Fitch)
Garden webworm a.n.o. -----	<i>Loxostege similalis</i> (Guen.)
German cockroach a.n.o. -----	<i>Blattella germanica</i> (L.)
Giant aphid -----	<i>Longistima caryae</i> Harr.
Gladiolus thrips a.n.o. -----	<i>Taeniothrips simplex</i> (Morison)
Globose scale a.n.o. -----	<i>Lecanium prunastri</i> (Fonsc.)
Golden oak scale -----	<i>Asterolecanium variolosum</i> (Ratz.)
Goldsmith beetle -----	<i>Cotalpa lanigera</i> (L.)

Gooseberry fruitworm a.n.o.-----	Zophodia convolutella (Hbn.)
Gouty oak gall -----	Andricus punctatus Bass
Grape berry moth a.n.o. -----	Polychrosis viteana (Clem.)
Grape colaspis a.n.o. -----	Colaspis brunnea (F.)
Grape curculio a.n.o. -----	Craponius inaequalis (Say)
Grape leaf folder a.n.o. -----	Desmia funeralis (Hbn.)
Grape leafhopper a.n.o. -----	Erythroneura cones (Say)
Grape phylloxera a.n.o. -----	Phylloxera vitifoliae (Fitch)
Grape scale a.n.o. -----	Aspidiotus uvae Comst.
Grape trunk borer a.n.o. -----	Clytopleptus albofasciatus (Lap.)
Grapovine aphid a.n.o. -----	Aphis illinoisensis Shim.
Gray-banded leaf roller a.n.o. --	Argyrotaenia mariana (Fern.)
Greedy scale a.n.o. -----	Aspidiotus canelliae Sign.
Green citrus aphid -----	Aphis spiraeicola Patch
Green clover worm a.n.o. -----	Plathypena scabra (F.)
Green fruitworm a.n.o. -----	Graptolitha antennata (Walk.)
Green June beetle a.n.o. -----	Cotinus nitida (L.)
Green peach aphid a.n.o. -----	Myzus persicae (Sulz.)
Green stinkbug a.n.o. -----	Acrosternum hilare (Say)
Greenhouse whitefly a.n.o. -----	Trialeurodes vaporariorum (Westw.)
Green-striped maple worm a.n.o. --	Anisota rubicunda F.
Gulf coast tick a.n.o. -----	Amblyomma maculatum Koch
Gypsy moth a.n.o. -----	Porthetria dispar (L.)
Hackberry nipple gall a.n.o. ----	Pachypsylla celtidis-narna Riley
Hairy chinch bug a.n.o. -----	Blissus hirtus Montd.
Harlequin bug a.n.o. -----	Murgantia histrionica (Hahn)
Head louse a.n.o. -----	Pediculus humanus humanus L.
Hessian fly a.n.o. -----	Phytophaga destructor (Say)
Hickory nut curculio -----	Conotrachelus affinis Boh.
Hickory phylloxera -----	Phylloxera caryaecaulis Fitch
Hickory shuck worm a.n.o. -----	Laspeyresia caryana (Fitch)
Hickory tussock moth a.n.o. ----	Halisidota caryae (Harr.)
Holly leaf miner a.n.o. -----	Phytomyza ilicis Curt.
Hop aphid a.n.o. -----	Phorodon humuli (Schr.)
Horn fly a.n.o. -----	Haematobia irritans L.
Horse botfly a.n.o. -----	Gasterophilus intestinalis (Dog.)
House centipede a.n.o. -----	Scutigera forceps Raf.
House cricket a.n.o. -----	Gryllus domesticus L.
Human flea a.n.o. -----	Pulex irritans L.
Inbricated snout beetle a.n.o. ---	Epicaerus inbricatus (Say)
Imported cabbage worm a.n.o. ----	Pieris rapae (L.)
Imported currant worm a.n.o. ----	Pteronidea ribesii (Scop.)
Imported willow leaf beetle ----	Plagiodera versicolora (Laich.)
Indian-meal moth a.n.o. -----	Plodia interpunctella (Hbn.)
Introduced pine sawfly a.n.o. ---	Diprion simile (Htg.)
Io moth a.n.o. -----	Automeris io (F.)
Iris borer a.n.o. -----	Macronoctua onusta Grote
Iris weevil -----	Mononychus vulpeculus (F.)
Japanese beetle a.n.o. -----	Popillia japonica Newm.
Japanese maple scale -----	Leucaspis japonica Okl.

Jeffrey pine beetle a.n.o. -----	<i>Dendroctonus jeffreyi</i> Hopk.
Juniper midge -----	<i>Contarinia juniperina</i> Felt
Juniper scale a.n.o. -----	<i>Diaspis caureli</i> Targ.
Juniper webworm a.n.o. -----	<i>Dichomeris marginellus</i> (F.)
Lappet moth a.n.o. -----	<i>Epicnaptera americana</i> (Harr.)
Larch casebearer a.n.o. -----	<i>Colopha laticella</i> Hbn.
Larch sawfly a.n.o. -----	<i>Lygaconotus crichsonii</i> (Htg.)
Larder beetle a.n.o. -----	<i>Dermestes lardarius</i> L.
Larger elm leaf beetle -----	<i>Monocosta coryli</i> (Say)
Leaf crumpler a.n.o. -----	<i>Mineola indigenella</i> (Zell.)
Lesser canna leaf roller -----	<i>Geshna cannalis</i> Quaint.
Lesser cornstalk borer a.n.o. ---	<i>Elasmopalpus lignosellus</i> (Zell.)
Lesser grain borer a.n.o. -----	<i>Rhizopertha dominica</i> (F.)
Lesser peach borer a.n.o. -----	<i>Conopia pictipes</i> (G. & R.)
Lilac borer a.n.o. -----	<i>Podosesia syringae</i> (Harr.)
Lilac leaf miner a.n.o. -----	<i>Gracilaria syringella</i> F.
Lima bean vine borer a.n.o. -----	<i>Monoptilota pergratialis</i> (Hulst)
Linden wart gall -----	<i>Coccidomyia verrucicola</i> O. S.
Locust borer a.n.o. -----	<i>Cyllene robiniae</i> (Forst.)
Locust leaf miner a.n.o. -----	<i>Chalepus dorsalis</i> Thunb.
Locust twig borer -----	<i>Ecdytolopha insiticiaria</i> Zell.
Lone star tick a.n.o. -----	<i>Amblyomma americanum</i> (L.)
Long-nosed cattle louse -----	<i>Linognathus vitula</i> L.
Magnolia scale a.n.o. -----	<i>Neolecanium cornuparvum</i> (Thro)
Maple bladder gall -----	<i>Phyllocoptes quadripes</i> Shin.
Maple leaf cutter a.n.o. -----	<i>Paraclemensia acerifoliella</i> (Fitch)
Maple leaf stem borer -----	<i>Priophorus acericaulis</i> (MacGill.)
Maple nepticula -----	<i>Nepticula sericeopeza</i> Zell.
Meadow plant bug a.n.o. -----	<i>Miris dolabratus</i> (L.)
Mealy flata -----	<i>Ormenis pruinosa</i> (Say)
Melon aphid a.n.o. -----	<i>Aphid gossypii</i> Glov.
Melonworm a.n.o. -----	<i>Diaphania hyalinata</i> (L.)
Mexican bean beetle a.n.o. -----	<i>Epilachna varivestis</i> Muls.
Mexican mealybug a.n.o. -----	<i>Phenacoccus gossypii</i> Towns. & Chll.
Monarch butterfly a.n.o. -----	<i>Danaus plexippus</i> (Hbn.)
Mormon cricket a.n.o. -----	<i>Anabrus simplex</i> Hald.
Mourning-cloak butterfly a.n.o. -	<i>Hamadryas antiopa</i> (L.)
Mountain pine beetle a.n.o. -----	<i>Dendroctonus monticolae</i> Hopk.
Mulberry whitefly a.n.o. -----	<i>Tetraneura mori</i> (Quaint.)
Nantucket pine shoot moth -----	<i>Rhyacionia frustrana</i> (Const.)
Narcissus bulb fly a.n.o. -----	<i>Merodon equestris</i> (F.)
Native elm bark beetle a.n.o. ---	<i>Hylurgopinus rufipes</i> (Eich.)
Norway maple aphid a.n.o. -----	<i>Periphyllus lyropictus</i> (Kess.)
Nose botfly a.n.o. -----	<i>Gasterophilus haemorrhoidalis</i> (L.)
Oak rosette gall -----	<i>Cynips frondosa</i> Bass.
Obscure scale a.n.o. -----	<i>Chrysomphalus obscurus</i> (Const.)
Oleander aphid -----	<i>Aphis nerii</i> Fonsc.
Oleander scale a.n.o. -----	<i>Aspidiotus hederac</i> (Vallot)
Olive scale -----	<i>Parlatoria oleae</i> (Colv.)

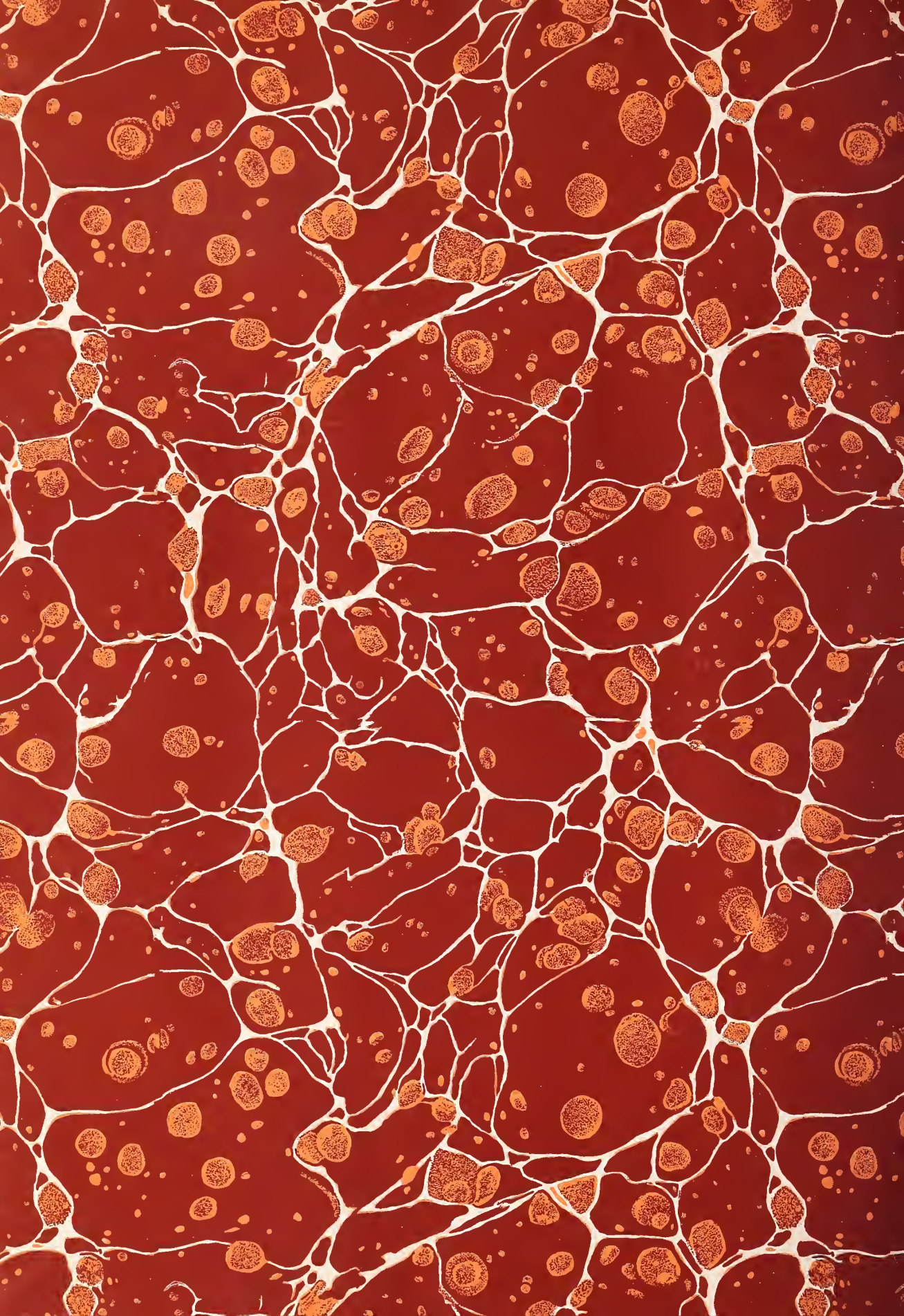
Onion maggot a.n.o. -----	<i>Hylemya antiqua</i> (Meig.)
Onion thrips a.n.o. -----	<i>Thrips tabaci</i> Lind.
Orange-striped oak worm a.n.o. --	<i>Anisota senatoria</i> (A. & S.)
Orange tortrix a.n.o. -----	<i>Argyrotaenia citrana</i> (Fern.)
Orchid weevil -----	<i>Diorymerellus marginellus</i> F.
Oriental cockroach a.n.o. -----	<i>Blatta orientalis</i> L.
Oriental fruit moth a.n.o. -----	<i>Grapholitha molesta</i> (Busck)
Oystershell scale a.n.o. -----	<i>Lepidosaphes ulmi</i> (L.)
Pacific coast tick a.n.o. -----	<i>Dermacenter occidentalis</i> Neun.
Painted hickory borer a.n.o. ----	<i>Cyllone caryae</i> Gahan
Pale tussock moth a.n.o. -----	<i>Halisidota tessellaris</i> (A. & S.)
Pale western cutworm a.n.o. ----	<i>Agrotis orthogonia</i> Morr.
Pales weevil a.n.o. -----	<i>Hylobius pales</i> (Hbst.)
Palm-leaf skeletonizer -----	<i>Homalodra sabalella</i> Chamb.
Palmerworm a.n.o. -----	<i>Dichomeris ligulella</i> Hbn.
Papaya fruitfly a.n.o. -----	<i>Toxotrypana curvicauda</i> Gerst.
Pea aphid a.n.o. -----	<i>Macrosiphum pisi</i> (Kltb.)
Pea moth a.n.o. -----	<i>Laspeyresia nigricana</i> (Steph.)
Pea weevil a.n.o. -----	<i>Bruchus pisorum</i> (L.)
Peach and plum slug -----	<i>Eriocampoides amygdalina</i> Roh.
Peach borer a.n.o. -----	<i>Conopia exitiosa</i> (Say)
Peach twig borer a.n.o. -----	<i>Anarsia lineatella</i> Zell.
Pear leaf blister mite a.n.o. --	<i>Eriophyes pyri</i> Fgst.
Pear midge a.n.o. -----	<i>Contarinia pyrivora</i> (Riley)
Pear psylla a.n.o. -----	<i>Psylla pyricola</i> (Foerst.)
Pear slug a.n.o. -----	<i>Caliroa cerasi</i> (L.)
Pear thrips a.n.o. -----	<i>Taeniothrips inconsequens</i> (Uzel)
Pecan carpenter worm a.n.o. -----	<i>Cossula magnifica</i> (Stkr.)
Pecan nut casebearer a.n.o. ----	<i>Acrobasis caryae</i> Grote
Pecan phylloxera a.n.o. -----	<i>Phylloxera devastatrix</i> Perg.
Pecan weevil a.n.o. -----	<i>Curculio caryae</i> (Horn)
Pepper weevil a.n.o. -----	<i>Anthonomus eugenii</i> Cano
Periodical cicada a.n.o. -----	<i>Magicicada septendecim</i> (L.)
Phlox plant bug a.n.o. -----	<i>Lopidea davisii</i> Knight
Pickleworm a.n.o. -----	<i>Diaphania nitidalis</i> (Stoll)
Pigeon fly a.n.o. -----	<i>Pseudolynchia canariensis</i> (Macq.)
Pigeon tremex a.n.o. -----	<i>Tremex columba</i> (L.)
Pine bark aphid a.n.o. -----	<i>Pineus strobi</i> (Htg.)
Pine needle scale a.n.o. -----	<i>Chionaspis pinifoliae</i> (Fitch)
Pine root-collar weevil a.n.o. -	<i>Hylobius radicis</i> Buch.
Pine spittle bug a.n.o. -----	<i>Aphrophora parallelola</i> (Say)
Pine tube moth a.n.o. -----	<i>Argyrotaenia pinatubana</i> (Kearf.)
Pink bollworm a.n.o. -----	<i>Pectinophora gossypiella</i> (Saund.)
Pistol casebearer a.n.o. -----	<i>Colocophora malivorella</i> Riley
Pitch-mass borer -----	<i>Parharmonia pini</i> Kellicott
Pitch twig moth a.n.o. -----	<i>Petrova comstockiana</i> (Fern.)
Plum curculio a.n.o. -----	<i>Conotrachelus nemuphar</i> (Hbst.)
Plum leafhopper a.n.o. -----	<i>Macropsis trimaculata</i> (Fitch)
Polka dot wasp moth -----	<i>Syntomeida epilais</i> Walk.
Poplar borer a.n.o. -----	<i>Saperda calcarata</i> Say
Poplar and willow borer a.n.o. -	<i>Sternonchetus lapathi</i> (L.)

Poplar tent maker -----	<i>Ichthyura inclusa</i> Hbn.
Potato aphid a.n.o. -----	<i>Macrosiphum solanifolii</i> (Ashm.)
Potato flea beetle a.n.o. -----	<i>Epitrix cucumeris</i> (Harr.)
Potato leafhopper a.n.o. -----	<i>Empoasca fabae</i> (Harr.)
Potato psyllid a.n.o. -----	<i>Paratrioza cockerelli</i> (Sulc)
Potato stalk borer a.n.o. -----	<i>Trichobaris trinotata</i> (Say)
Potato tuber worm a.n.o. -----	<i>Gnorimoschoma operculella</i> (Zell.)
Pubescent oak kermes -----	<i>Kermes pubescens</i> Bogue
Purple scale a.n.o. -----	<i>Lepidosaphes beckii</i> (Newm.)
Puss caterpillar a.n.o. -----	<i>Megalopyge opercularis</i> (A. & S.)
Raisin moth a.n.o. -----	<i>Ephestia figulilella</i> Greg.
Raspberry cane borer a.n.o. -----	<i>Oberca bimaculata</i> (Oliv.)
Raspberry fruitworm a.n.o. -----	<i>Byturus unicolor</i> Say
Redbud aphid -----	<i>Aphis pawneeae</i> Hottes
Red-headed pine sawfly a.n.o. -----	<i>Neodiprion lecontei</i> (Fitch)
Red-humped caterpillar a.n.o. -----	<i>Schizura concinna</i> (A. & S.)
Red-humped oak caterpillar a.n.o. -----	<i>Symmerista albifrons</i> (A. & S.)
Red-legged flea beetle a.n.o. -----	<i>Dorocrepis erythropus</i> (Melsh.)
Red-necked cane borer a.n.o. -----	<i>Agrilus ruficollis</i> (F.)
Red turnip beetle a.n.o. -----	<i>Entomoscelis adonidis</i> (Pallas)
Rhododendron borer a.n.o. -----	<i>Conopia rhododendri</i> (Boutn.)
Rhododendron lacebug a.n.o. -----	<i>Stephanitis rhododendri</i> Horv.
Rhododendron midge -----	<i>Giardomyia rhododendri</i> Felt
Rhubarb curculio a.n.o. -----	<i>Lixus concavus</i> Say
Rocky Mountain spotted fever tick -----	<i>Dermacentor andersoni</i> Stiles
Rose aphid a.n.o. -----	<i>Macrosiphum rosae</i> (L.)
Rose chafer a.n.o. -----	<i>Macroductylus subspinosus</i> (F.)
Rose curculio a.n.o. -----	<i>Rhynchites bicolor</i> (F.)
Rose leaf beetle a.n.o. -----	<i>Nodonota puncticollis</i> Say
Rose midge a.n.o. -----	<i>Dasynura rhodophaga</i> (Coq.)
Rose sawfly a.n.o. -----	<i>Caliroa aethiops</i> (F.)
Rose scale a.n.o. -----	<i>Aulacaspis rosae</i> (Bouche)
Rosy apple aphid a.n.o. -----	<i>Anuraphis rosae</i> Baker
Round-headed apple tree borer a.n.o. -----	<i>Saperda candida</i> F.
Rusty plum aphid a.n.o. -----	<i>Hysteronoura setariae</i> (Thos.)
Saddleback caterpillar a.n.o. -----	<i>Sibine stimulca</i> (Clem.)
Saddled prominent a.n.o. -----	<i>Heterocampa guttivitta</i> (Walk.)
Salmon fly -----	<i>Taeniopteryx pacifica</i> Banks
Salt-marsh caterpillar a.n.o. -----	<i>Estigmene acrea</i> (Drury)
San Jose scale a.n.o. -----	<i>Aspidiotus perniciosus</i> Comst.
Satin moth a.n.o. -----	<i>Stilpnotia salicis</i> (L.)
Saw-toothed grain beetle a.n.o. -----	<i>Oryzaephilus surinamensis</i> (L.)
Say's blister beetle a.n.o. -----	<i>Pomphopoea sayi</i> (Lec.)
Say's stinkbug a.n.o. -----	<i>Chlorochroa sayi</i> Stal
Scallop-shell moth -----	<i>Calocalpe undulata</i> L.
Screwworm a.n.o. -----	<i>Cochliomyia americana</i> C. & F.
Scurfy scale a.n.o. -----	<i>Chionaspis furfura</i> (Fitch)
Seed-corn beetle a.n.o. -----	<i>Agonoderus lecontei</i> Chaud.
Seed-corn maggot a.n.o. -----	<i>Hylemya cilicrura</i> (Rond.)
Sheep botfly a.n.o. -----	<i>Oestrus ovis</i> L.

Sheep tick a.n.o. -----	<i>Melophagus ovinus</i> (L.)
Short-nosed cattle louse a.n.o. -	<i>Haematopinus eurysternus</i> Nitz.
Shot-hole borer a.n.o. -----	<i>Scolytus rugulosus</i> (Ratz.)
Silverfish a.n.o. -----	<i>Lepisma saccharina</i> L.
Silver-spotted halisidota -----	<i>Euschausia argentata</i> Pack.
Silver-spotted skipper -----	<i>Proteides clarus</i> (Cran.)
Sitka spruce beetle a.n.o. -----	<i>Dendroctonus obesus</i> (Mann.)
Sitka spruce gall aphid -----	<i>Adelges cooleyi</i> (Gill.)
Six-spotted leafhopper a.n.o. ----	<i>Macrostelus divisus</i> (Uhl.)
Six-spotted mite a.n.o. -----	<i>Tetranychus sexmaculatus</i> Riley
Smaller European elm bark beetle a.n.o. -----	<i>Scolytus multistriatus</i> (Marshan)
Snowy tree cricket a.n.o. -----	<i>Oecanthus niveus</i> (Deg.)
Soft scale a.n.o. -----	<i>Coccus hesperidum</i> L.
Sorghum webworm a.n.o. -----	<i>Celama sorghiella</i> (Riley)
Sourgun casecutter -----	<i>Antispila nyssaeifoliella</i> Clem.
Southern buffalo gnat a.n.o. ----	<i>Eusimulium pecuarum</i> (Riley)
Southern cabbage worm a.n.o. ----	<i>Pieris protodice</i> (Bdv. & Loc.)
Southern corn rootworm a.n.o. ----	<i>Diabrotica duodecimpunctata</i> (F.)
Southern cornstalk borer a.n.o. -	<i>Diatraea crambidoides</i> (Grote)
Southern green stinkbug a.n.o. --	<i>Nezara viridula</i> (L.)
Southern mole cricket a.n.o. ----	<i>Scapteriscus acletus</i> R. & H.
Southern pine beetle a.n.o. -----	<i>Dendroctonus frontalis</i> Zimm.
Southwestern corn borer a.n.o. ----	<i>Diatraea grandiosella</i> Dyar
Spirea aphid a.n.o. -----	<i>Aphis spiraeicola</i> Patch
Spotted cucumber beetle a.n.o. --	<i>Diabrotica duodecimpunctata</i> (F.)
Spotted willow leaf beetle -----	<i>Chrysomela lapponica</i> (L.)
Spring cankerworm a.n.o. -----	<i>Paleacrita vernata</i> (Peck)
Spruce bud scale -----	<i>Physokermes piceae</i> Schr.
Spruce budworm a.n.o. -----	<i>Cacoecia funiferana</i> (Clem.)
Spruce gall aphid -----	<i>Pineus pinifoliae</i> (Fitch)
Spruce mite -----	<i>Paratetranychus uniunguis</i> Jacobi
Spruce needle miner -----	<i>Taniva albolineana</i> Kearf.
Squash beetle a.n.o. -----	<i>Epilachna borealis</i> (F.)
Squash borer a.n.o. -----	<i>Melittia satyriniformis</i> Hbn.
Squash bug a.n.o. -----	<i>Anasa tristis</i> (Deg.)
Stablefly a.n.o. -----	<i>Stomoxys calcitrans</i> (L.)
Stalk borer a.n.o. -----	<i>Papaipema nebris nitela</i> (Guen.)
Steel-blue grapevine flea beetle	<i>Altica carinata</i> Gern.
Sticktight flea a.n.o. -----	<i>Echidnophaga gallinacea</i> (Westw.)
Strawberry crown borer a.n.o. ----	<i>Tyloclonus fragariae</i> (Riley)
Strawberry crown miner -----	<i>Aristotelia fragariae</i> Busck
Strawberry fruitworm a.n.o. -----	<i>Cnephasia longana</i> (Haw.)
Strawberry leaf roller a.n.o. ---	<i>Ancylis comptana</i> (Frocl.)
Strawberry root aphid a.n.o. ----	<i>Aphis forbesi</i> Wood
Strawberry root weevil a.n.o. ---	<i>Brachyrhinus ovatus</i> (L.)
Strawberry weevil a.n.o. -----	<i>Anthonomus signatus</i> Say
Striped cucumber beetle a.n.o. --	<i>Diabrotica vittata</i> (F.)
Striped flea beetle a.n.o. -----	<i>Phyllotreta vittata</i> (F.)
Striped tortoise beetle -----	<i>Metritona bivittata</i> (Say)
Suckfly a.n.o. -----	<i>Dicyphus minimus</i> Uhl.
Sugar-beet root maggot -----	<i>Eurycephalomyia myopaeformis</i> Roeder
Sugar-beet wireworm a.n.o. -----	<i>Limonius californicus</i> (Mann.)

Sugarcane beetle a.n.o. -----	<i>Euctheola rugiceps</i> (Lec.)
Sugarcane borer a.n.o. -----	<i>Diatraea saccharalis</i> (F.)
Sugarcane rootstock weevil -----	<i>Anacetrinus subnudus</i> Buch.
Sugar maple borer a.n.o. -----	<i>Glycobius speciosus</i> (Say)
Sunflower weevil -----	<i>Rhodothenus tredecimpunctatus</i> (Ill.)
Sweetpotato flea beetle a.n.o. --	<i>Chaetocnema confinis</i> Crotch
Sweetpotato hornworm a.n.o. -----	<i>Herse cingulata</i> (F.)
Sweetpotato leaf beetle -----	<i>Typhophorus viridicyaneus</i> Crotch
Sweetpotato weevil a.n.o. -----	<i>Cylas fornicarius</i> (F.)
Tarnished plant bug a.n.o. -----	<i>Lygus pratensis oblineatus</i> (Say)
Three-cornered alfalfa hopper a.n.o. --	<i>Stictoccephala festina</i> (Say)
Three-lined potato beetle a.n.o. --	<i>Lema trilineata</i> (Oliv.)
Tissue paper bug -----	<i>Thylogrias contractus</i> Mots.
Tobacco budworm a.n.o. -----	<i>Heliothis virescens</i> (F.)
Tobacco flea beetle a.n.o. -----	<i>Epitrix parvula</i> (F.)
Tobacco moth a.n.o. -----	<i>Ephestia clutella</i> (Hbn.)
Tobacco thrips a.n.o. -----	<i>Frankliniella fusca</i> (Hinds)
Tomato fruitworm a.n.o. -----	<i>Heliothis armigera</i> (Hbn.)
Tomato pinworm a.n.o. -----	<i>Keiferia lycopersicella</i> (Busck)
Tomato psyllid a.n.o. -----	<i>Paratrioza cockerelli</i> (Sulc)
Tomato stilt bug -----	<i>Jalysus spinosus</i> (Say)
Tomato worm a.n.o. -----	<i>Protoparce sexta</i> (Johan.)
Tropical rat mite a.n.o. -----	<i>Liponyssus bacoti</i> (Hirst)
Tuliptree scale a.n.o. -----	<i>Toumeyella liriodendri</i> (Gncl.)
Turkey gnat a.n.o. -----	<i>Simulium meridionale</i> Riley
Turnip aphid a.n.o. -----	<i>Rhopalosiphum pseudobrassicæ</i> (Davis)
Twig girdler a.n.o. -----	<i>Oncideres cingulatus</i> (Say)
Twig pruner a.n.o. -----	<i>Hypermallus villosus</i> (F.)
Two-lined chestnut borer a.n.o. --	<i>Agrilus bilineatus</i> (Web.)
Two-marked tree hopper a.n.o. ---	<i>Enchenopa binotata</i> Say
Ugly-nest caterpillar a.n.o. ----	<i>Cacoccia cerasivorana</i> (Fitch)
Varied carpet beetle a.n.o. -----	<i>Anthrenus verbasci</i> (L.)
Variogated cutworm a.n.o. -----	<i>Peridroma margaritosa</i> (Haw.)
Vegetable weevil a.n.o. -----	<i>Listroderes obliquus</i> Klug
Velvetbean caterpillar a.n.o. ---	<i>Anticarsia gemmatilis</i> (Hbn.)
Vetch bruchid a.n.o. -----	<i>Bruchus brachialis</i> Fabricius
Walkingstick a.n.o. -----	<i>Diapheromera femorata</i> (Say)
Walnut caterpillar a.n.o. -----	<i>Datana integerrima</i> G. & R.
Walnut husk fly a.n.o. -----	<i>Rhagoletis completa</i> Cress.
Watercress leaf beetle a.n.o. ---	<i>Phaedon aeruginosus</i> Suffr.
Waterlily aphid -----	<i>Rhopalosiphum nymphæacæ</i> (L.)
Webbing clothes moth a.n.o. -----	<i>Tineola biselliella</i> (Hun.)
Western grape rootworm a.n.o. ---	<i>Adoxus obscurus</i> (L.)
Western pine beetle a.n.o. -----	<i>Dendroctonus brevicornis</i> Lec.
Western potato flea beetle a.n.o. --	<i>Epitrix subcrinita</i> Lec.
Western spotted cucumber beetle a.n.o. --	<i>Diabrotica soror</i> Lec.
Western tent caterpillar a.n.o. --	<i>Malacosoma pluvialis</i> (Dyar)

Wharf borer -----	Nacorda melanura (L.)
Wheat jointworm a.n.o. -----	Harmolita tritici (Fitch)
Wheat midge a.n.o. -----	Thocodiplosis mosellana Gohin
Wheat stem maggot a.n.o. -----	Meromyza americana Fitch
Wheat stem sawfly a.n.o. -----	Cophus cinctus Nort.
Wheat straw worm a.n.o. -----	Harmolita grandis (Riley)
White apple leafhopper a.n.o. ---	Typhlocyba pomaria McAtee
White-fringed beetle a.n.o. -----	Pantomorus leucoloma (Boh.)
White-lined sphinx a.n.o. -----	Sphinx lineata F.
White-marked spider beetle a.n.o.	Ptinus fur L.
White-marked tussock moth a.n.o. -	Homocampa leucostigma (A. & S.)
White peach scale a.n.o. -----	Aulacaspis pentagona (Targ.)
White-pine aphid -----	Cinara strobilifera Fitch
White-pine cone beetle a.n.o. ---	Conophthorus coniperda (Schwarz)
White-pine weevil a.n.o. -----	Pissodes strobilifera (Fock)
Woolly alder aphid a.n.o. -----	Prociphilus tessellatus (Fitch)
Woolly elm aphid a.n.o. -----	Eriosoma americanum (Riley)
Woolly larch aphid -----	Chermes strobilobius Kltb.
Woolly whitefly a.n.o. -----	Alcurothrixus howardi (Quaint.)
Woolly pine scale -----	Pseudophilippa quaintancii Chll.
Yellow-headed spruce sawfly a.n.o.	Pikonema alaskensis (Boh.)
Yellow-necked caterpillar a.n.o. -	Datana ministra (Drury)
Yellow scale a.n.o. -----	Aonidiella citrinus (Coq.)
Yellow sugarcane aphid -----	Sipha flava (Forbes)
Zimmerman's pine tip moth -----	Pinipostis zimmermanni Grote



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